

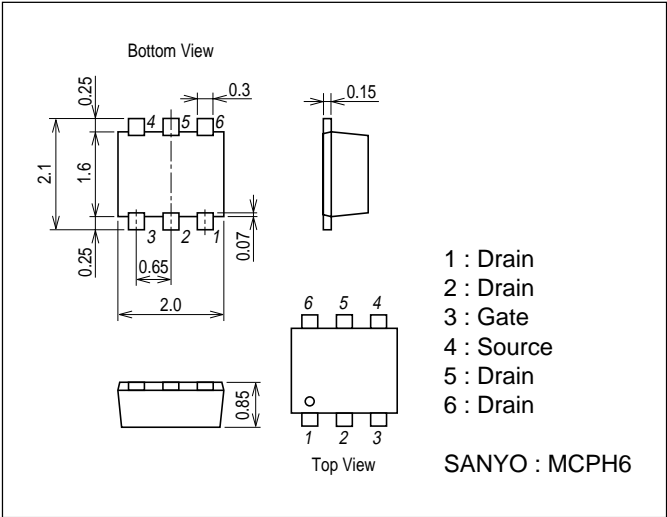
MCH6422

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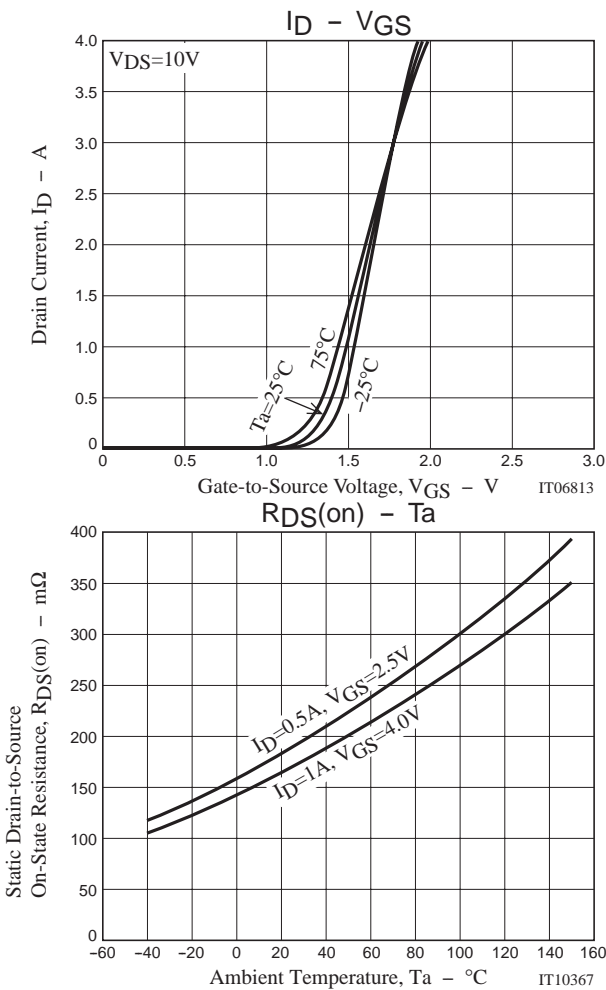
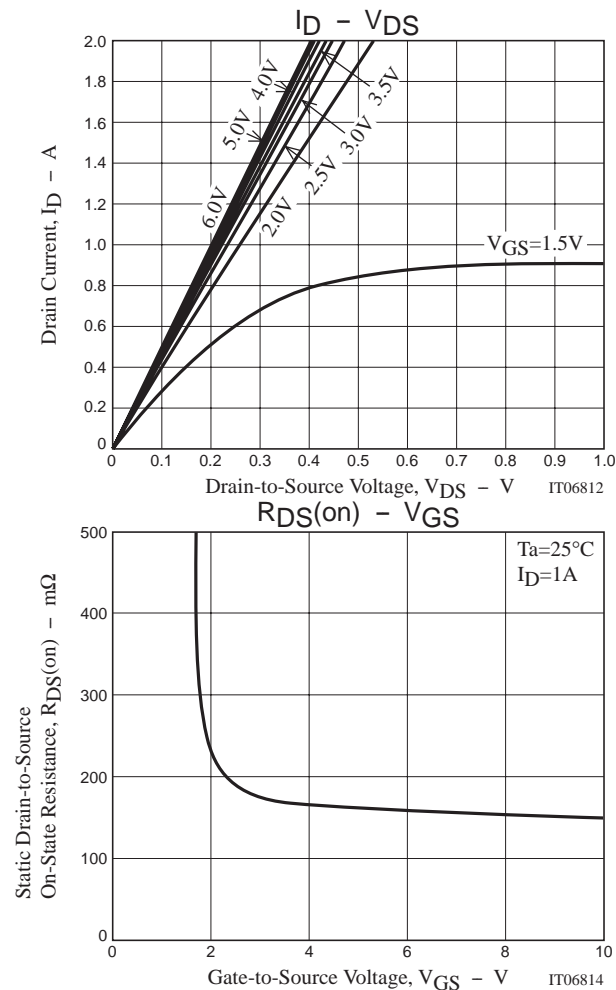
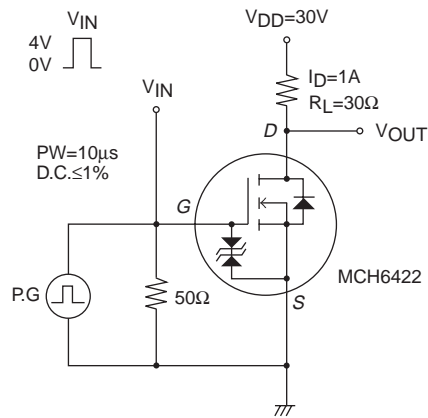
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Total Gate Charge	Qg	V _{DS} =30V, V _{GS} =4V, I _D =2A		4.2		nC
Gate-to-Source Charge	Qgs	V _{DS} =30V, V _{GS} =4V, I _D =2A		1.1		nC
Gate-to-Drain "Miller" Charge	Qgd	V _{DS} =30V, V _{GS} =4V, I _D =2A		1.1		nC
Diode Forward Voltage	V _{SD}	I _S =2A, V _{GS} =0V		0.85	1.2	V

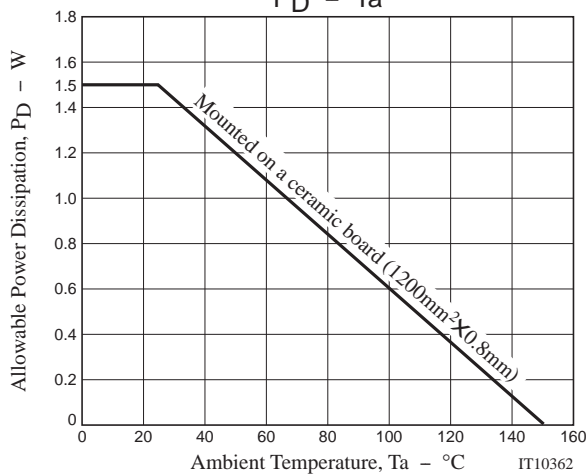
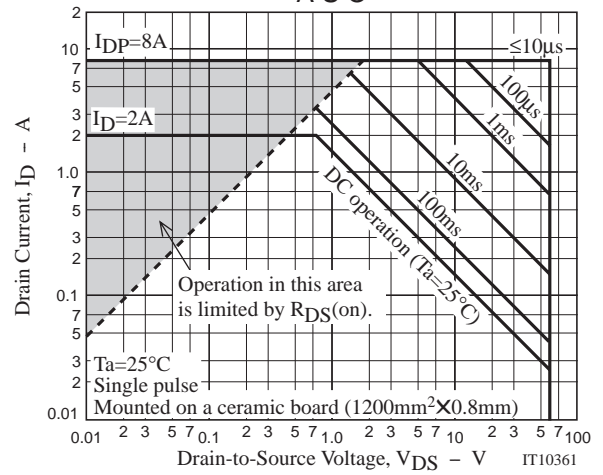
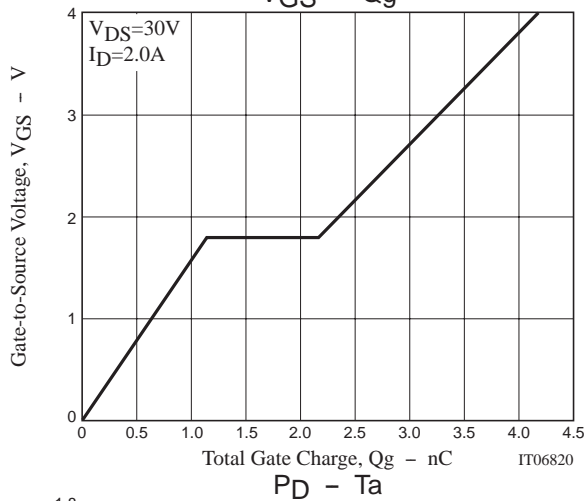
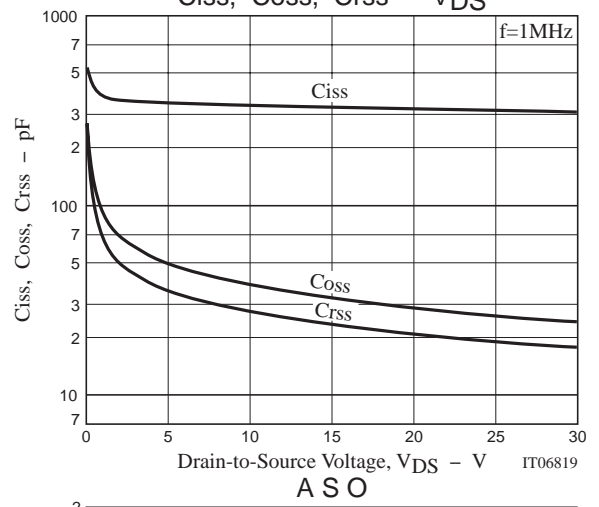
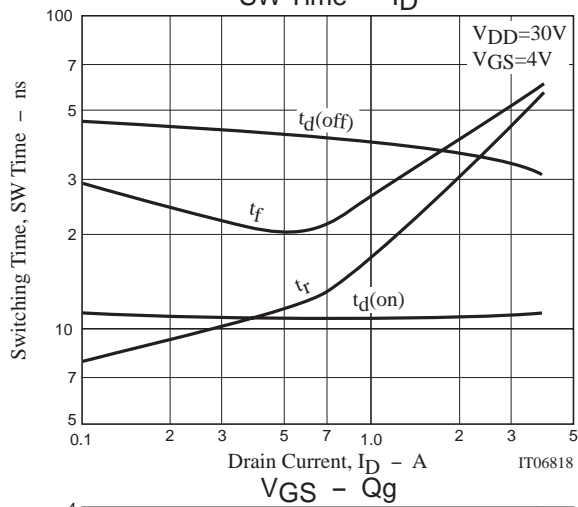
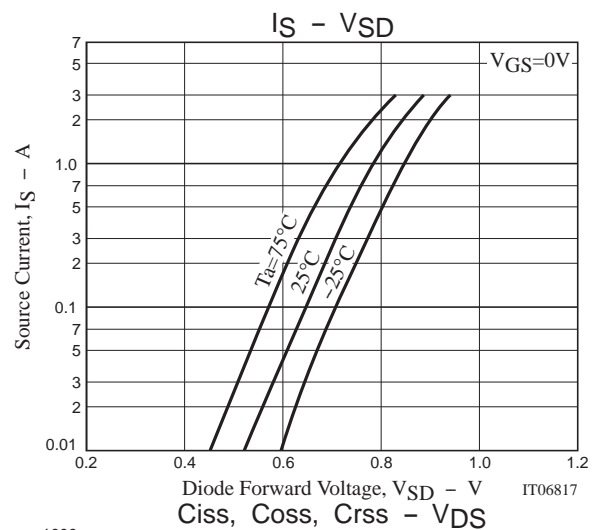
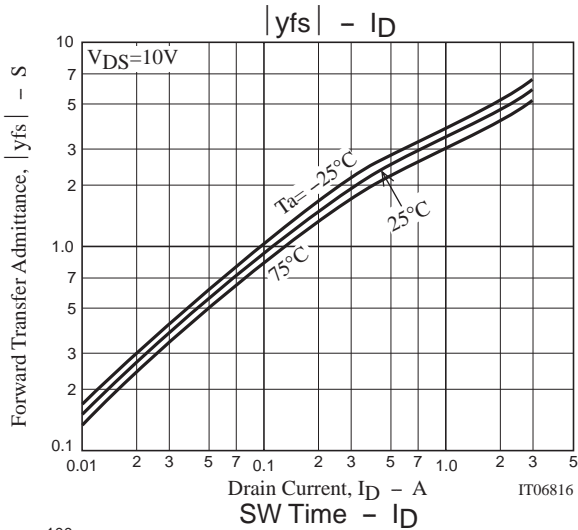
Package Dimensions

unit : mm
7022-009



Switching Time Test Circuit





Note on usage : Since the MCH6422 is a MOSFET product, please avoid using this device in the vicinity of highly charged objects.

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